RAW SEQUENCE LISTING   DATE: 10/19/2001
PATENT APPLICATION: US/08/930,480C   TIME: 11:34:11

Input Set : A:\US08930480C.raw
Output Set: N:\CRF3\10192001\H930480C.raw

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    1 <110> APPLICANT: BRACCO, Laurent
    2       SCHWEIGHOFFER, Fabien
    3       TOCQUE, Bruno
    4 <120> TITLE OF INVENTION: Conditional Expression System
    5 <130> FILE REFERENCE: ST95021-US
C-->6 <140> CURRENT APPLICATION NUMBER: US/08/930,480C
    7 <141> CURRENT FILING DATE: 1998-01-21
    8 <150> PRIOR APPLICATION NUMBER: PCT/FR96/00477
    9 <151> PRIOR FILING DATE: 1996-03-29
   10 <150> PRIOR APPLICATION NUMBER: FR95/-3841
   11 <151> PRIOR FILING DATE: 1995-03-31
   12 <160> NUMBER OF SEQ ID NOS: 35
   13 <170> SOFTWARE: PatentIn version 3.0
   15 <210> SEQ ID NO: 1
   16 <211> LENGTH: 19
   17 <212> TYPE: DNA
   18 <213> ORGANISM: Escherichia coli
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   20       tctctatcac tgatatggga                                    19
   22 <210> SEQ ID NO: 2
   23 <211> LENGTH: 17
   24 <212> TYPE: DNA
   25 <213> ORGANISM: Bacteriophage lambda
   26 <400> SEQUENCE: 2
   27       tatcaccgca agggata                                      17
   29 <210> SEQ ID NO: 3
   30 <211> LENGTH: 74
   31 <212> TYPE: PRT
   32 <213> ORGANISM: Homo sapiens
   33 <400> SEQUENCE: 3
   34       Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
   35       1               5                   10                  15
   36       Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
   37                       20                  25                  30
   38       Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
   39                   35                  40                  45
   40       His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
   41           50                  55                  60
   42       Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
   43       65                  70
   45 <210> SEQ ID NO: 4
   46 <211> LENGTH: 768
   47 <212> TYPE: DNA
   48 <213> ORGANISM: Artificial Sequence
   49 <220> FEATURE:
   50 <223> OTHER INFORMATION: ScFv against p53
   51 <400> SEQUENCE: 4
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52      ttactcgcgg cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt      60
53      gtaaggtcag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaaagac     120
54      tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt     180
55      gatcctaaga atggtgatac tgaatatgcc ccgaagttcc agggcaaggc cactatgact     240
56      gcagacacat cctccaatac agcctacctg cagctcagca gcctggcatc tgaggacact     300
57      gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg     360
58      gtcaccgtct cctcaggtgg aggcggttca ggcggaggtg gctctggcgg tggcggatcg     420
59      gatgttttga tgacccaaac tccactcact ttgtcggtta ccattggaca accagcctcc     480
60      atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg     540
61      ttgttacaga ggccaggcca gtctccaaag cgcctaatct atctggtgtc taaactggac     600
62      tctggagtcc ctgacaggtt cactggcagt ggatcaggga cagatttcac acttaaaatc     660
63      aacagagtgg aggctgagga tttgggagtt tattattgct ggcaaggtac acattctccg     720
64      cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca                   768
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 15
68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Peptide linker (hinge)
72 <400> SEQUENCE: 5
73      Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
74      1               5                   10                  15
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 10
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Peptide linker
82 <400> SEQUENCE: 6
83      Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
84      1               5                   10
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 30
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: DNA encoding peptide linker
92 <400> SEQUENCE: 7
93      cccaagccca gtaccccccc aggttcttca                                      30
95 <210> SEQ ID NO: 8
96 <211> LENGTH: 6
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: VSV epitope (tag peptide sequence)
101 <400> SEQUENCE: 8
102      Met Asn Arg Leu Gly Lys
103      1               5
105 <210> SEQ ID NO: 9
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/930,480C

DATE: 10/19/2001
TIME: 11:34:11

Input Set : A:\US08930480C.raw
Output Set: N:\CRF3\10192001\H930480C.raw

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106 <211> LENGTH: 18
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: DNA encoding VSV epitope
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112       atgaaccggc tgggcaag                                        18
114 <210> SEQ ID NO: 10
115 <211> LENGTH: 11
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: myc epitope (peptide tag sequence)
120 <400> SEQUENCE: 10
121       Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
122       1               5                   10
124 <210> SEQ ID NO: 11
125 <211> LENGTH: 33
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: DNA encoding myc epitope
130 <400> SEQUENCE: 11
131       gaacaaaaac tcatctcaga agaggatctg aat                       33
133 <210> SEQ ID NO: 12
134 <211> LENGTH: 7
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: SV40 virus nuclear localization peptide
139 <400> SEQUENCE: 12
140       Pro Lys Lys Lys Arg Lys Val
141       1             5
143 <210> SEQ ID NO: 13
144 <211> LENGTH: 4
145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Repeating unit of cationic polymer
149 <400> SEQUENCE: 13
150       Leu Lys Leu Lys
151       1
153 <210> SEQ ID NO: 14
154 <211> LENGTH: 4
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: repeating unit of cationic polymer
159 <400> SEQUENCE: 14
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RAW SEQUENCE LISTING   DATE: 10/19/2001
PATENT APPLICATION: US/08/930,480C   TIME: 11:34:11

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Output Set: N:\CRF3\10192001\H930480C.raw

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160        Leu Lys Lys Leu
161        1
163 <210> SEQ ID NO: 15
164 <211> LENGTH: 23
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: plasmid fragment
169 <400> SEQUENCE: 15
170        gatcctatca ccgcaaggga taa                                      23
172 <210> SEQ ID NO: 16
173 <211> LENGTH: 23
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: pcr primer
178 <400> SEQUENCE: 16
179        agctttatcc cttgcggtga tag                                      23
181 <210> SEQ ID NO: 17
182 <211> LENGTH: 76
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: pcr primer
187 <400> SEQUENCE: 17
188        ggctctagac ccaagcccag tacccccca ggttcttcaa cgcgtggatc catgtccaga    60
189        ttagataaaa gtaaag                                              76
191 <210> SEQ ID NO: 18
192 <211> LENGTH: 51
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: pcr primer
197 <400> SEQUENCE: 18
198        cgtacggaat tcgggccctt actcgaggga cccactttca catttaagtt g           51
200 <210> SEQ ID NO: 19
201 <211> LENGTH: 76
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: pcr primer
206 <400> SEQUENCE: 19
207        ggctctagac ccaagcccag tacccccca ggttcttcaa cgcgtggatc catggaacaa    60
208        cgcataaccc tgaaag                                              76
210 <210> SEQ ID NO: 20
211 <211> LENGTH: 51
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
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215 <223> OTHER INFORMATION: pcr primer
216 <400> SEQUENCE: 20
217      cgtacggaat tcgggcccstt actcgagtgc tgttgtttttt ttgttactcg g          51
219 <210> SEQ ID NO: 21
220 <211> LENGTH: 35
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: pcr primer
225 <400> SEQUENCE: 21
226      caggccatgg catgaagaaa ccactggatg gagaa                             35
228 <210> SEQ ID NO: 22
229 <211> LENGTH: 43
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: pcr primer
234 <400> SEQUENCE: 22
235      cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc                    43
237 <210> SEQ ID NO: 23
238 <211> LENGTH: 31
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: pcr primer
243 <400> SEQUENCE: 23
244      caggctcgag aagaaaccac tggatggaga a                                 31
246 <210> SEQ ID NO: 24
247 <211> LENGTH: 61
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: pcr primer
252 <400> SEQUENCE: 24
253      caggctcgag cccaagccca gtaccccccc aggttcttca aagaaaccac tggatggaga   60
254      a                                                                  61
256 <210> SEQ ID NO: 25
257 <211> LENGTH: 37
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: pcr primer
262 <400> SEQUENCE: 25
263      ggtcgaattc gggccctcag tctgagtcag gcccttc                           37
265 <210> SEQ ID NO: 26
266 <211> LENGTH: 29
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
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VERIFICATION SUMMARY   DATE: 10/19/2001
PATENT APPLICATION: US/08/930,480C   TIME: 11:34:12

Input Set : **A:\US08930480C.raw**
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L:6 M:270 C: Current Application Number differs, Wrong Format